

American Arium

Mobile Pentium(R) II Processor Family Interfaces

Explanation/Definition:

MMC-1 -- Intel Pentium(R) processor Mobile Module specification (280-pin mobile module connector).

MMC-2 -- Intel Pentium(R) processor Mobile Module specification (400-pin mobile module connector).

Mini-Cartridge -- One of the Mobile Pentium(R) II processor family. It has a 240 pin connector.

Mobile Module -- One of the Mobile Pentium(R) II processor family. It has either a MMC-1 or MMC-2 connector.

AGP -- Advanced Graphics Port.

TAP -- Test Access Port. Intel defined JTAG interface used for interface to In-Circuit Emulators.

MProbe -- High-density, 190-pin connector used to access the front side bus. No TAP access.

IIB -- 240-pin interface board with a TAP and MProbe (Mini-Cartridge only)

BX400 -- Intel built bridge board. Contains a TAP and MProbe.

BX280 -- Intel built bridge board. Contains a TAP, no MProbe.

ITP interposer boards -- MMC-1 and MMC-2. These boards have a TAP.

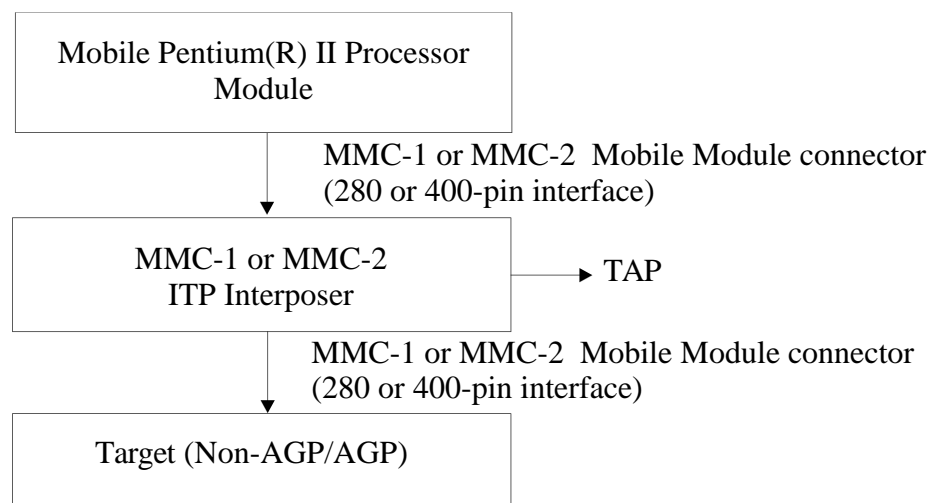
LAIX -- MProbe transposer board. Used to correct an errata on the BX400.

TRC-MM -- American Arium full-featured In-Circuit Emulator.

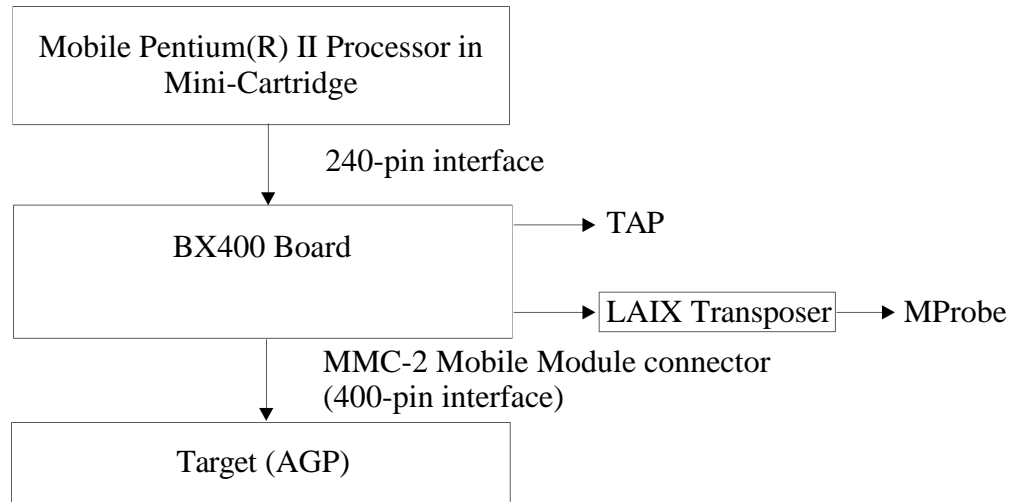
Intel supplies American Arium with IIB, BX280, BX400, ITP interposers, and LAIX. These boards are tested by American Arium with the TRC-MM systems, then the TRC-MM is shipped with the appropriate interface boards.

American Arium has a limited supply of these boards. *You may need to acquire them from Intel if our supply is exhausted.*

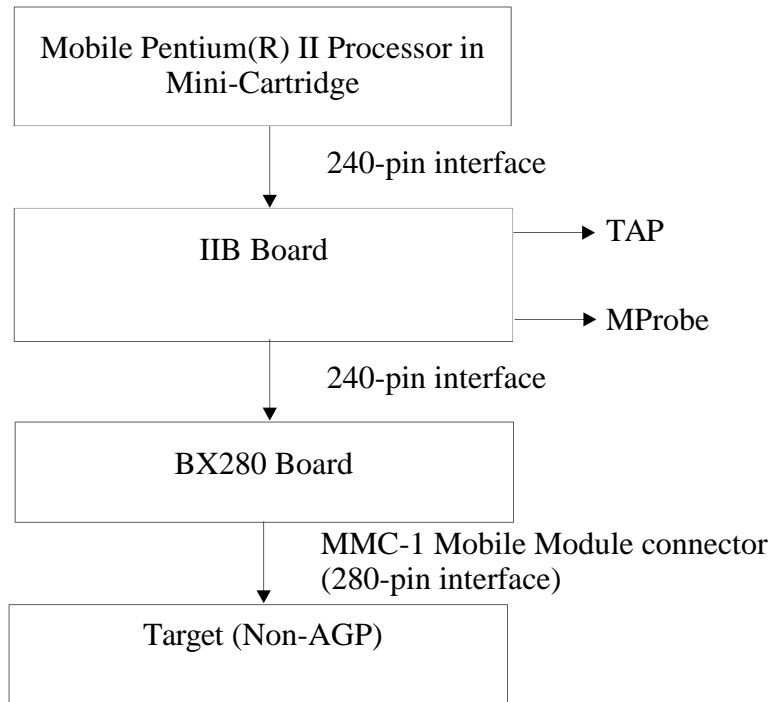
TAP Implementation Using ITP Interposer Boards



TAP and MProbe Implementation Using a BX400 Board

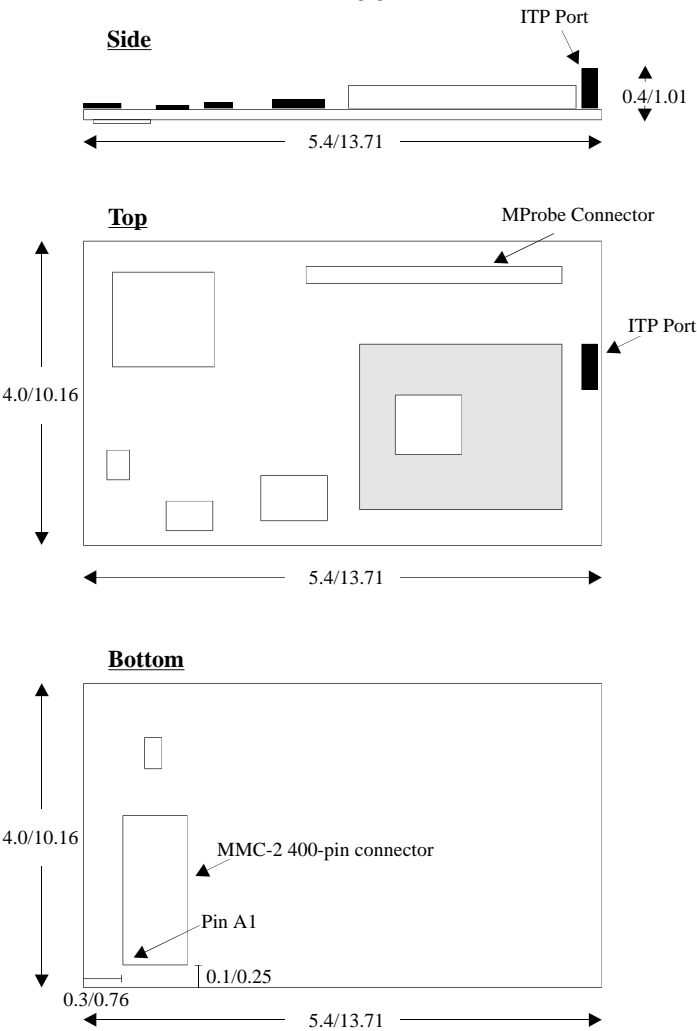


TAP and MProbe Implementation Using BX280 and IIB Boards

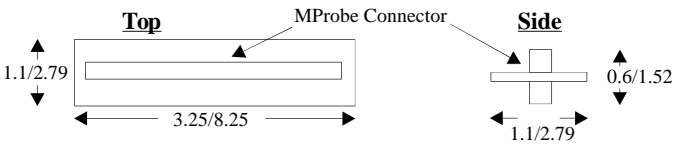


Measurements in./cm.

BX400

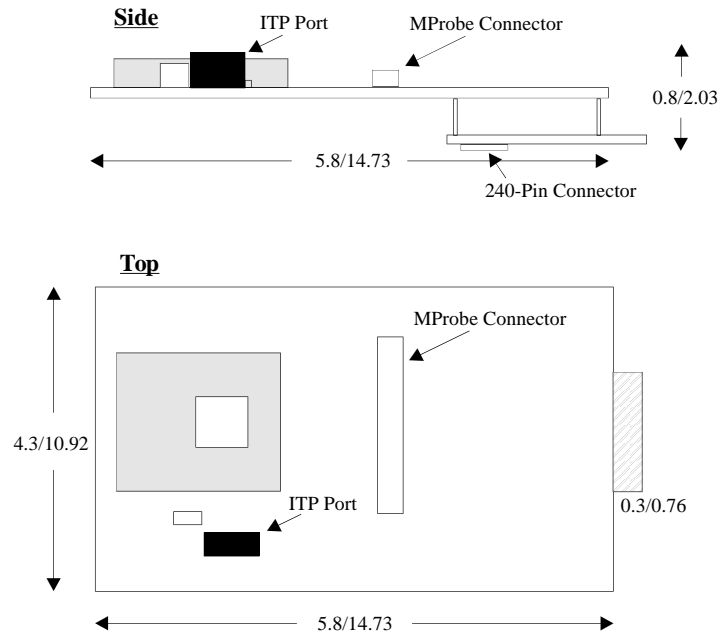


LAIX Transposer

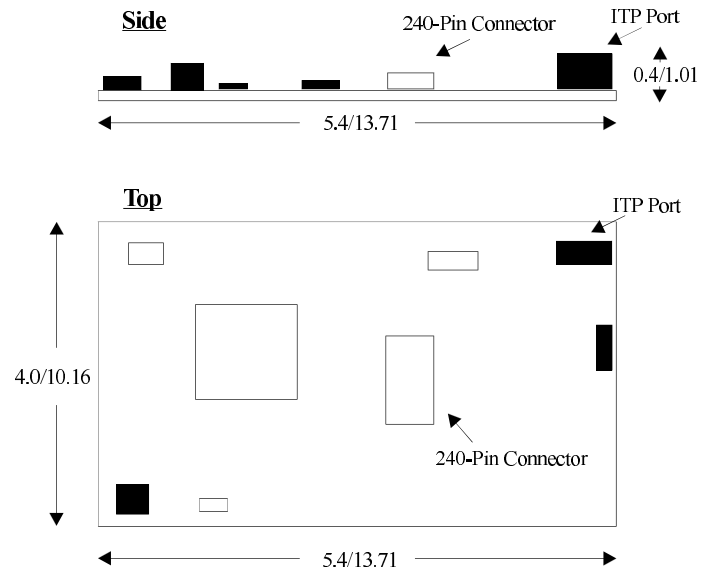


Measurements in./cm.

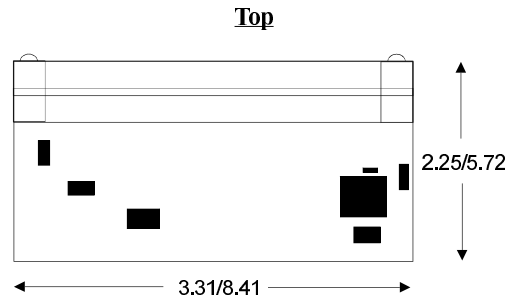
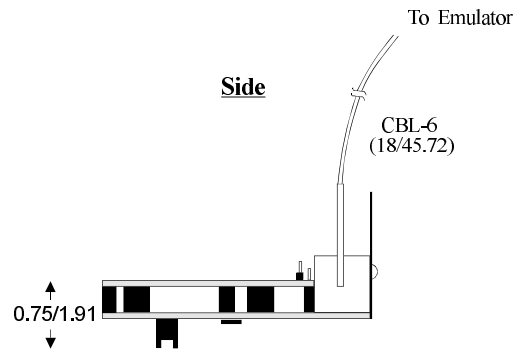
IIB



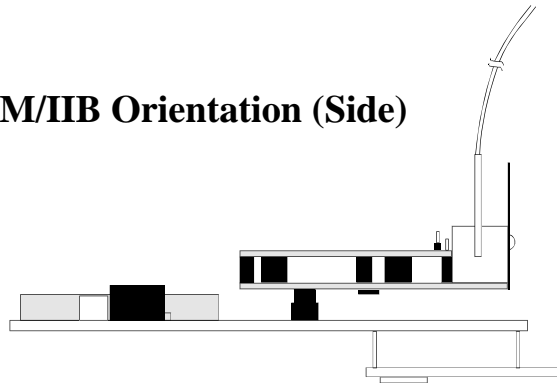
BX280



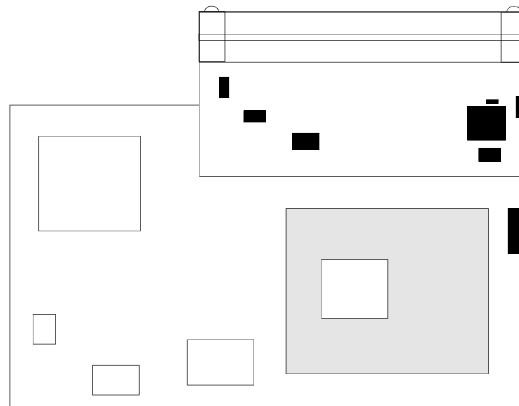
TGI-MM



TGI-MM/IIB Orientation (Side)



TGI-MM/BX400 Orientation (Top)



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